

ABSTRACT

In a method for fabricating a surface mountable chip inductor, a spiral coil pattern is formed on a surface of a cylindrical body fabricated by mixing ferrite or ceramic powder with thermoplastic organic binder, the cylindrical body is transformed into a square-shaped body by being inserted into a square-shaped mold and being applied pressure at a certain temperature. An electric characteristic lowering problem can be prevented by forming the coil on the cylindrical body, and transforming the cylindrical body into a square-shaped body is advantageous to surface mounting.